Sampedro, James Paul B.

BSIT32E2

Essay

1. Create a sample code snippet that demonstrates passing a callback function from a parent component down to its child(ren) component.

const { Component } = React;

class Parent extends Component {

constructor(props) {

super(props);

this.child = React.createRef();

}

onClick = () => {

this.child.current.getAlert();

};

render() {

return (

<div>

<Child ref={this.child} />

<button onClick={this.onClick}>Click</button>

</div>

);

}

}

class Child extends Component {

getAlert() {

alert('getAlert from Child');

}

render() {

return <h1>Hello</h1>;

}

}

ReactDOM.render(<Parent />, document.getElementById('root'));

1. Explains props-drilling.

* refers to the procedure for transferring data to different sections of the React Component tree. Its like putting or “drilling” it inside like the function of the program, drilling the props inside of it even though its not required but its somehow is due to it being a child. It needs to be accepted and forward those props. Additionally, prop drilling is simply passing values throughout the view of the application. Its good being able to track the code wherever it goes since you only need to look at each function and get the idea of what’s its going to do to the program without running the program itself.